

# TIDES : DAILY HIGH AND LOW WATERS

Station.....BANLEAM.....Month.....DECEMBER.....Year...2016.....

Date	HIGH WATER				Moon's Phase	Date	LOW WATER				Remark
	Higher H.W.		Lower H.W.				Higher L.W.		Lower L.W.		
	Time	Height	Time	Height			Time	Height	Time	Height	
	h    m	meter	h    m	meter			h    m	meter	h    m	meter	
1	0750	3.82	1640	3.36		1	1230	2.80	0030	1.14	
2	0820	4.12	1810	3.50		2	1310	3.12	0030	1.30	
3	0820	4.00	1640	3.53		3	1330	3.26	0120	1.55	
4	0900	4.05	1730	3.40		4	1500	3.16	0150	1.56	
5	0930	4.04	-	-		5	-	-	0150	1.32	
6	1010	4.05	-	-		6	-	-	0240	1.40	
7	1110	3.85	-	-	☾	7	-	-	0310	1.58	
8	1140	3.74	-	-		8	-	-	0330	1.77	
9	1210	3.82	-	-		9	1910	2.44	0420	2.16	
10	1300	3.69	0030	2.96		10	0530	2.53	2020	2.01	
11	1340	3.66	0250	3.16		11	0710	2.75	2150	1.50	
12	0430	3.44	1440	3.37		12	0930	2.70	2300	1.19	
13	0510	3.57	1500	3.36		13	1100	2.66	2330	1.10	
14	0610	3.93	1540	3.52	☉	14	-	-	1050	2.90	
15	0640	4.00	1650	3.51		15	1240	2.94	0000	1.12	
16	0800	4.10	1730	3.49		16	1330	3.00	0100	1.08	
17	0840	4.03	1800	3.53		17	1340	3.12	0200	0.99	
18	0950	4.08	1850	3.17		18	1530	2.94	0200	1.12	
19	0950	3.80	1850	3.11		19	1520	2.80	0250	1.00	
20	1000	3.97	2000	3.50		20	1540	2.85	0240	1.31	
21	1020	3.93	2020	2.93	☾	21	1640	2.72	0300	1.80	
22	1050	3.89	-	-		22	1820	2.52	0320	1.97	
23	1100	3.84	-	-		23	-	-	1950	2.42	
24	1200	3.65	-	-		24	-	-	2040	2.01	
25	1300	3.37	-	-		25	-	-	2120	1.61	
26	0500	3.56	1340	3.40		26	0940	3.13	2200	1.61	
27	0600	3.76	1450	3.25		27	1040	3.05	2240	1.62	
28	0640	4.02	1500	3.65		28	1120	3.38	2359	1.57	
29	0650	3.83	-	-	●	29	-	-	-	-	
30	0800	3.77	1620	3.22		30	1250	2.97	0030	1.10	
31	0800	4.00	1700	3.37		31	1350	3.06	0100	1.20	
Monthly						Monthly					
Sum		119.38		70.29		Sum		63.9		46.01	
Mean						Mean					
mean MSL						mean MSL					
H'est HW	=	4.120				L'est LW	=	0.990			
MHHW	=	3.851				MLLW	=	1.534			
MLHW	=	3.347				MHLW	=	2.905			
MHW	=	3.648				MLW	=	2.114			
M.S.L.	=	2.839				M.T.L.	=	2.881			
MHWS	=	3.689				MLWS	=	2.006			
MHWN	=	3.752				MLWN	=	1.918			
Mn.sp.range	=	1.684				Sp.range					
Mn.np.range	=	1.834				Np.range					
Mn.range	=	1.534									